Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073118\
Data File : BG036003.D
Acq On : 31 Jul 2018 16:11
Operator : JU/SJ
Sample : PB111523BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB111523BS

Manual Integrations APPROVED
Sohil
8/1/2018 5:08:48 PM

Quant Time: Jul 31 17:26:15 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 31 12:30:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	37118	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	133696	20.00	ng		0.00
38) Acenaphthene-d10	14.65	164	100655	20.00	ng		0.00
63) Phenanthrene-d10	17.39	188	283327	20.00	ng		0.00
75) Chrysene-d12	21.65	240	305631	20.00	ng		0.00
86) Perylene-d12	24.85	264	293453	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	261363	116.90	ng		0.00
7) Phenol-d6	7.20	99	380385	114.04	ng		0.00
23) Nitrobenzene-d5	9.18	82	243435	76.06	ng		0.00
41) 2,4,6-Tribromophenol	16.14	330	189406	142.76	ng		0.00
44) 2-Fluorobiphenyl	13.27	172	597391	79.51	ng		0.00
78) Terphenyl-d14	20.00	244	1134413	81.82	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	29095	25.569	ng	#	75
3) Pyridine	3.91	79	85928	28.926	ng	#	71
4) n-Nitrosodimethylamine	3.82	42	36675	28.753	ng	#	68
6) Aniline	7.35	93	101615	23.503	ng		97
8) 2-Chlorophenol	7.59	128	84204	37.032	ng		97
9) Benzaldehyde	7.16	77	64797	31.659	ng		88
10) Phenol	7.22	94	128202	38.042	ng		92
11) bis(2-Chloroethyl)ether	7.44	93	85837	32.524	ng		91
12) 1,3-Dichlorobenzene	7.91	146	97280m	35.428	ng		
13) 1,4-Dichlorobenzene	8.05	146	98525	35.314	ng		95
14) 1,2-Dichlorobenzene	8.37	146	92180	34.393	ng		98
15) Benzyl Alcohol	8.26	79	100239	33.092	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.54	45	92998	42.030	ng		77
17) 2-Methylphenol	8.47	107	85468	37.302	ng	#	91
18) Hexachloroethane	9.10	117	37152	34.828	ng		97
19) n-Nitroso-di-n-propylamine	8.82	70	78666	28.006	ng	#	86
20) 3+4-Methylphenols	8.79	107	116047	36.509	ng		96
22) Acetophenone	8.84	105	148447	35.705	ng	#	93
24) Nitrobenzene	9.22	77	118635	36.859	ng		98
25) Isophorone	9.75	82	233250	39.261	ng		99
26) 2-Nitrophenol	9.94	139	49662	43.445	ng	#	90
27) 2,4-Dimethylphenol	9.99	122	90470	46.756	ng		87
28) bis(2-Chloroethoxy)methane	10.22	93	122197	37.327	ng		96
29) 2,4-Dichlorophenol	10.47	162	102008	46.183	ng		94
30) 1,2,4-Trichlorobenzene	10.69	180	106376	39.276	ng		97
31) Naphthalene	10.87	128	265138	38.071	ng		98
32) Benzoic acid	10.15	122	37294	28.631	ng	#	87
33) 4-Chloroaniline	10.99	127	59545	19.617	ng	#	94
34) Hexachlorobutadiene	11.16	225	82375	39.003	ng		91
35) Caprolactam	11.76	113	37114m	39.155	ng		
36) 4-Chloro-3-methylphenol	12.11	107	130261	43.997	ng		98
37) 2-Methylnaphthalene	12.48	142	213588	41.165	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.84	216	144861	38.131	ng		99
40) Hexachlorocyclopentadiene	12.82	237	178873	89.778	ng		95

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Quant Time: Jul 31 17:26:15 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 31 12:30:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.08	196	100935	45.431	ng		97
43) 2,4,5-Trichlorophenol	13.16	196	112182	45.136	ng		92
45) 1,1'-Biphenyl	13.48	154	300372	38.491	ng		100
46) 2-Chloronaphthalene	13.52	162	235703	38.830	ng		99
47) 2-Nitroaniline	13.73	65	83639	38.975	ng		94
48) Acenaphthylene	14.37	152	398926	39.233	ng		98
49) Dimethylphthalate	14.10	163	351319	39.837	ng		100
50) 2,6-Dinitrotoluene	14.22	165	81178	45.203	ng		91
51) Acenaphthene	14.71	154	231858	36.605	ng		98
52) 3-Nitroaniline	14.56	138	46327	25.240	ng	#	97
53) 2,4-Dinitrophenol	14.76	184	78407	84.499	ng	#	64
54) Dibenzofuran	15.04	168	400109	39.719	ng		94
55) 4-Nitrophenol	14.87	139	105982	81.078	ng	#	86
56) 2,4-Dinitrotoluene	15.01	165	120806	46.890	ng	#	87
57) Fluorene	15.69	166	334519	39.621	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.27	232	111854	46.938	ng		95
59) Diethylphthalate	15.46	149	350844	38.690	ng		96
60) 4-Chlorophenyl-phenylether	15.69	204	195772	39.451	ng		97
61) 4-Nitroaniline	15.72	138	75879	39.520	ng	#	82
62) Azobenzene	15.97	77	347473	38.847	ng		95
64) 4,6-Dinitro-2-methylphenol	15.77	198	66587	42.219	ng		82
65) n-Nitrosodiphenylamine	15.90	169	303516	37.636	ng		99
66) 4-Bromophenyl-phenylether	16.58	248	133777	40.698	ng		97
67) Hexachlorobenzene	16.70	284	139265	41.141	ng		97
68) Atrazine	16.85	200	133545	40.219	ng		96
69) Pentachlorophenol	17.04	266	130274	63.184	ng		95
70) Phenanthrene	17.44	178	546774	38.675	ng		99
71) Anthracene	17.52	178	560334	39.805	ng		98
72) Carbazole	17.79	167	509724	38.128	ng		98
73) Di-n-butylphthalate	18.35	149	591548	37.444	ng	#	98
74) Fluoranthene	19.44	202	720074	37.813	ng		97
76) Benzidine	19.62	184	274010	34.102	ng		99
77) Pyrene	19.80	202	729507	37.749	ng		98
79) Butylbenzylphthalate	20.68	149	278643	40.320	ng		98
80) Benzo(a)anthracene	21.64	228	734859	38.583	ng		99
81) 3,3'-Dichlorobenzidine	21.55	252	182837	27.532	ng		95
82) Chrysene	21.70	228	694476	39.348	ng		98
83) Bis(2-ethylhexyl)phthalate	21.53	149	382821	40.746	ng	#	98
84) Di-n-octyl phthalate	22.73	149	643500	40.906	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.49	276	771445	39.479	ng	#	88
87) Benzo(b)fluoranthene	23.84	252	702972	39.413	ng	#	96
88) Benzo(k)fluoranthene	23.90	252	680023	38.998	ng	#	97
89) Benzo(a)pyrene	24.70	252	678280	40.877	ng	#	97
90) Dibenzo(a,h)anthracene	28.54	278	647505	39.748	ng	#	96
91) Benzo(g,h,i)perylene	29.63	276	651204	40.851	ng	#	91

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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